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TRANSMITTAL  MAY 0 4 2007 FORM			Application Number	10/080,0	10/080,074			
			Filing Date	02/21/20	02/21/2002 Kuei-Ying Lin			
			First Named Inventor	Kuei-Yin				
			Art Unit					
to he use	Examiner Name							
Total Number of Pages in This Submission 7			Attorney Docket Number	GLIS-01	GLIS-0144			
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ENCLOSURES (Check all that apply)  After Allowance Communication to TC								
Amendmen Afte Affic Extension of Express Ab Information  Certified Co Document(s Reply to Minomplete Rep	Fee Transmittal Form  Fee Attached  Amendment/Reply  After Final  Affidavits/declaration(s)  Extension of Time Request  Express Abandonment Request  Information Disclosure Statement  Certified Copy of Priority Document(s)  Reply to Missing Parts/ Incomplete Application Reply to Missing Parts		Petition Petition to Convert to a Provisional Application Phange of Correspondence Address Perminal Disclaimer Request for Refund Population Representation		Appeal Communication to Board of Appeals and Interferences  Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  Proprietary Information  Status Letter Other Enclosure(s) (please Identify below): Certificate of Correction  Correction  Correction  OR AGENT			
L und	er 37 CFR 1.52 or 1.53	of Correction						
	Firm Name Isis Pharmaceuticals, Inc.							
Signature	Signature 1997							
Printed name Herb Boswell								
Date 5/1/2007			Reg. No. 27,311					
CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with								
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Signature Kemlyn Gums_								
Typed or printed name Kemlyn Evans  Date 5/1/2007						5/1/2007		

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Page 1 of 6

#### (Also Form PTO-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO.

: RE39,324

APPLICATION NO.: 10/080,074

ISSUE DATE

10/03/2006

INVENTOR(S)

Kuei-Ying Lin and Mark D. Matteucci

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

1) Column 76, Claim 1, lines 59-60, please delete "-C(C<sub>1-8</sub>alkyl)=" and insert therefor -- -C(C<sub>1</sub>-C<sub>8</sub> alkyl)=--;

2) Column 78, Claim 3, line 13, please delete "-CH)- " and insert therefor -- -CH --;

3) Column 79, Claim 11, please delete structure 104 "

$$\begin{array}{c|c}
R^{2A}R^{47} & R^{27} \\
N & R^{27} \\
N & R^{24} \\
R^{47}H & -;
\end{array}$$

$$\mathbb{R}^{2A}\mathbb{R}^{47}$$
  $\mathbb{R}^{27}$   $\mathbb{R}^{27}$   $\mathbb{R}^{27}$  and insert therefor  $\mathbb{R}^{47}$ 

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Isis Pharmaceuticals, Inc.

1896 Rutherford Rd.

Carlsbad, CA 92008

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Page 2 of 6

PATENT NO.

: RE39,324

APPLICATION NO.: 10/080,074

**ISSUE DATE** 

: 10/03/2006

INVENTOR(S)

Kuei-Ying Lin and Mark D. Matteucci

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

4) Column 79, Claim 11, please delete structure 133 "

" and insert therefor

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Page 3 of 6

PATENT NO.

: RE39,324

APPLICATION NO.: 10/080,074

ISSUE DATE

: 10/03/2006

INVENTOR(S)

Kuei-Ying Lin and Mark D. Matteucci

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

5) Column 79, Claim 11, please delete structure 111 "

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Carlsbad, CA 92008

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page <u>4</u> of \_ 6

PATENT NO.

: RE39,324

APPLICATION NO.: 10/080,074

**ISSUE DATE** 

: 10/03/2006

INVENTOR(S)

Kuei-Ying Lin and Mark D. Matteucci

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

6) Column 80, Claim 11, please delete structure 112 "

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# UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page <u>5</u> of \_

PATENT NO.

: RE39,324

APPLICATION NO.: 10/080,074

**ISSUE DATE** 

: 10/03/2006

INVENTOR(S)

Kuei-Ying Lin and Mark D. Matteucci

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

7) Column 82, Claim 11, please delete structure 126 "

and insert therefor --

8) Column 83, Claim 11, line 38, please delete "- $C(C_2C_5)$ -" and insert therefor -- - $C(C_2H_5)$ - -;

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APPLICATION NO.: 10/080,074

**ISSUE DATE** 

: 10/03/2006

INVENTOR(S)

Kuei-Ying Lin and Mark D. Matteucci

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

9) Column 84, Claim 12, please delete structure 2 "

" and insert therefor

- 10) Column 84, Claim 13, line 65, please delete "optically" and insert therefor --optionally--;
- 11) Column 86, Claim 14, line 41, please delete "hydroxy;" and insert therefor --hydroxyl;--;
- 12) Column 87, Claim 19, lines 16-17, please delete "-O-(CH<sub>2</sub>)<sub>t</sub>-O-(CH<sub>2</sub>)<sub>r</sub>-O-(CH<sub>2</sub>)<sub>r</sub>-R<sup>65</sup>," and insert therefor -- -O-(CH<sub>2</sub>)<sub>r</sub>-O-(CH<sub>2</sub>)<sub>r</sub>-O-(CH<sub>2</sub>)<sub>r</sub>-R<sup>65</sup>, --.

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MAY - 8 2007

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